

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

LISTING OF CLAIMS:

1. (Currently amended) A game system for projectively transforming a plurality of polygons, which form a three-dimensional object located in an imaginary three-dimensional space, to a viewpoint coordinate system to draw the polygons on a projection plane, comprising:

a polygon drawing means for drawing a polygon with a first texture which affects drawing of other texture;

a calculating means for calculating two-dimensional coordinates of a second texture projectively transforming three-dimensional coordinates of vertexes of the polygon drawn by the polygon drawing means on an imaginary two-dimensional plane which is prepared in advance and corresponds to the two-dimensional coordinates;

a second texture drawing means for drawing the [[a]] second texture, prepared in advance, on the polygon drawn by the polygon drawing means based on two-dimensional coordinates of the second texture calculated by the calculating means; and

a texture moving means for simulatively moving the second texture, drawn by the second texture drawing means, on the polygon drawn by the polygon drawing means by varying the two-dimensional coordinates in time-series.

2-3. (Canceled)

4. (Previously presented) The game system according to claim 1, wherein luminance of colors of the second texture are different in different areas in the second texture.

5. (Previously presented) The game system according to claim 1, wherein luminance of colors of the second texture vary in proportion to coordinate value in either one direction of the two-dimensional coordinates if the two-dimensional coordinates are fixed.

6. (Previously presented) The game system according to claim 1, wherein a part of the second texture undergoes an affect of gradation by the first texture.

7. (Previously presented) The game system according to claim 6, wherein the gradation is executed by mixing the colors of the first texture and the colors of the second texture with a predetermined mixing ratio.

8. (Currently amended) An image drawing method for projectively transforming a plurality of polygons, which form a three-dimensional object located in an imaginary three-dimensional space, to a viewpoint coordinate system to draw the polygons on a projection plane, comprising the steps of:

drawing a polygon with a first texture which affects drawing of other texture;

calculating two-dimensional coordinates of a second texture projectively transforming three-dimensional coordinates of vertexes of the polygon drawn by the polygon drawing means on an imaginary two-dimensional plane which is prepared in advance and corresponds to the two-dimensional coordinates;

drawing the [[a]] second texture, prepared in advance, on the polygon drawn by the polygon drawing step based on two-dimensional coordinates of the second texture calculated by the calculating step; and

simulatively moving the second texture, drawn by the second texture drawing step, on the polygon drawn by the polygon drawing step by varying the two-dimensional coordinates in time-series.

9. (Currently amended) An image drawing method for projectively transforming a plurality of polygons, which form a three-dimensional object located in an imaginary three-dimensional space, to a viewpoint coordinate system to draw the polygons on a projection plane, comprising the steps of:

drawing a polygon with a first texture which affects drawing of other texture;

calculating two-dimensional coordinates of a second texture projectively
transforming three-dimensional coordinates of vertexes of the polygon drawn by the
polygon drawing means on an imaginary two-dimensional plane which is prepared
in advance and corresponds to the two-dimensional coordinates;

A. projectively transforming three-dimensional coordinates of vertexes of the polygon on an imaginary two-dimensional plane, prepared in advance, to calculate two-dimensional coordinates of the second texture calculated by the calculating step;

drawing the second texture on the drawn polygon based on the calculated two-dimensional coordinates; and

simulatively moving the second texture, drawn by the second texture drawing step, on the polygon drawn by the polygon drawing step by varying the two-dimensional coordinates in time-series.

10. (Currently amended) A computer-readable storage medium carrying a game program for projectively transforming a plurality of polygons, which form a three-dimensional object located in an imaginary three-dimensional space, to a

viewpoint coordinate system to draw the polygons on a projection plane, the game program controls a computer to function as:

a polygon drawing means for drawing a polygon with a first texture which affects drawing of other texture;

a calculating means for calculating two-dimensional coordinates of a second texture projectively transforming three-dimensional coordinates of vertexes of the polygon drawn by the polygon drawing means on an imaginary two-dimensional plane which is prepared in advance and corresponds to the two-dimensional coordinates;

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a second texture drawing means for drawing the [[a]] second texture, prepared in advance, on the polygon drawn by the polygon drawing means based on two-dimensional coordinates of the second texture calculated by the calculating means; and

a texture moving means for simulatively moving the second texture, drawn by the second texture drawing means, on the polygon drawn by the polygon drawing means by varying the two-dimensional coordinates in time-series.

11. (Currently amended) A computer-readable storage medium carrying a game program for projectively transforming a plurality of polygons, which form a three-dimensional object located in an imaginary three-dimensional space, to a viewpoint coordinate system to draw the polygons on a projection plane, the game

program controls a computer to function as: a means for drawing a polygon with a first texture which affects drawing of other texture;

a means for calculating two-dimensional coordinates of a second texture projectively transforming three-dimensional coordinates of vertexes of the polygon drawn by the polygon drawing means on an imaginary two-dimensional plane which is prepared in advance and corresponds to the two-dimensional coordinates;

8- a means for projectively transforming three-dimensional coordinates of vertexes of the polygon on an imaginary two-dimensional plane, prepared in advance, to calculate two-dimensional coordinates of the second texture calculated by the calculating means;

a means for drawing the second texture on the drawn polygon based on the calculated two-dimensional coordinates; and

a means for simulatively moving the second texture, drawn by the second texture drawing means, on the polygon drawn by the polygon drawing means by varying the two-dimensional coordinates in time-series.